

REMARKS

Introduction

With this amendment, claims 17 and 18 have been amended. Claims 17 and 18 are independent claims and also the only pending claims. Claims 1-16 have been previously cancelled.

The Specification

Although not rejected or objected to by the Office Action, the Specification has been amended by the Applicants to correct some minor typographical errors.

The Rejections In The Office Action

The Examiner rejected claims 17 and 18 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,594,429 to Nakahara in view of U.S. Patent No. 5,280,527 to Gullman. The rejections as they may apply to the claims presented herein are respectfully traversed.

Amendments to the Specification Correct Typographical Errors

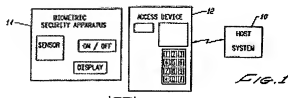
The Applicants have amended the specification to correct some minor typographical errors. No new matter has been entered.

The Pending Claims Are Allowable-The Combination of References Does Not Support the Claimed Combination

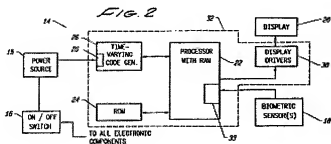
Nakahara describes a system for transmitting and receiving security and function information. A variable code may be transmitted from a transmitter to a receiver along with a fixed code. The receiver determines whether the fixed and variable codes are valid and an *exact* match is required for validity to be established. More specifically, Nakahara requires that “the received ID code *coincides* with the identification information stored in the receiver.” See Nakahara, col. 6, lines 20-21 (emphasis added). The Examiner acknowledges that Nakahara does not describe an encryptor.

As for Gullman, a security token is created at a security apparatus 14 and the token includes

a fixed code and a “time-varying code.” These codes are transmitted from a security apparatus 14 to an access device 12 and then to a host system 10. When received at the host 10, the token is decoded. Gullman, col. 3, lines 36-44; see also FIG. 1 of Gullman, reproduced below for the convenience of the Examiner. A match between the codes transmitted by the security apparatus 14 and the host system 10 is required. More specifically, Gullman states that “[t]o properly decode the token, the security apparatus 14 is *synchronized* with the host system 10 so that the time varying code is *identical* at both the security mechanism 14 and the host system 10.” Gullman, col. 4, lines 23-26 (emphasis added).



Gullman also varies his codes with time. More specifically, within the security apparatus 14, these timing varying codes are created by a time varying code generator 26. See FIG. 2 of Gullman also reproduced below for the convenience of the Examiner.



Claim 17

Consequently, neither Nakahara nor Gullman teach or suggest an *encryptor* that generates an encrypted fixed signal in response to a rolling code which does not vary as a function of time (“time independent”) and a fixed code as recited in claim 17. In addition, neither Nakahara nor Gullman teach or suggest that the time independent rolling code *may vary within a predetermined*

range of values and still be considered valid also as recited in claim 17. To the contrary, in both references the received variable code must be identical at both the transmitter and receiver with no variation permitted. Since the above-mentioned claim elements are not taught or suggested by either reference, it is submitted that claim 17 is allowable over the proposed combination.

Claim 18

Claim 18 recites a receiver (compared to the transmitter recited in claim 17) and includes recitations similar to claim 17. Consequently, it is submitted that claim 18 is allowable over the proposed combination for the same reasons as claim 17.

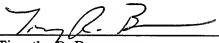
Conclusion

Based upon the foregoing amendments and remarks, it is submitted that the pending claims and application are in condition for allowance. The Commissioner is hereby authorized to charge any additional fees which may be required in this application to Deposit Account No. 06-1135.

Respectfully submitted,

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